

**Combined Declaration and Power of Attorney for United States Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ACELLULAR PERTUSSIS VACCINES AND METHODS OF PREPARATION THEREOF**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, S.1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, S.119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	<u>Priority Claimed</u>
	Yes      No
(Number)	(Country)
	(Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code, S.120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, S.112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, S.1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/433,646</u> (Appln. Serial No.)	<u>May 4, 1995</u> (Filing Date)	<u>Pending</u> (Status) (patented, pending, abandoned)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter W. McBurney, Reg. No. 19,352; Michael I. Stewart, Reg. No. 24,973; Thomas T. Rieder, Reg. No. 22,862; Roger T. Hughes, Reg. No. 25,265; John H. Woodley, Reg. No. 27,093;

Stephen J. Perry, Reg. No. 32,107; Patricia A. Rae, Reg. No. 33,570 and John R. Orange, Reg. No. 29,725.

Send correspondence to:

Direct telephone calls to:  
Name: M.I. Stewart

**SIM & McBURNEY**  
Suite 701 at  
330 University Avenue **SIM & McBURNEY**  
Toronto, Ontario M5G 1R7, Canada (416) 595-1155

Full name of first inventor: Luis Barreto

Inventor's signature

---

Date \_\_\_\_\_

Residence: Concord, Ontario, Canada

Citizenship: ~~Canadian~~

Post Office Address: 53 Crooked Stick Crescent,  
Concord, Ontario,  
L4K 1P4  
*D. 68*

Full name of second inventor: Leslie Boux

Inventor's signature



Sept 8/95  
Date

Residence: Kirkland, Quebec, Canada

CAy

Citizenship: Canadian

Post Office Address: 128 Kirkland Boulevard  
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Full name of first inventor: John Vose

Inventor's signature

Date

Residence: Charbonnieres-les-Bains, France

Citizenship: Canadian

Post Office Address: 54 bis Route de Paris,  
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France

Full name of second inventor: Raafat E.F. Fahim

Inventor's signature

15 Jan 1996

Date

Residence: Mississauga, Ontario, Canada

CAF

Citizenship: Canadian

Post Office Address: 524 Ceremonial Drive,  
Mississauga, Ontario,  
Canada, L5R 2T2

2-00

- 3 -

Full name of third inventor: Gail E/D Jackson

Inventor's signature Gail Jackson

Jan. 15/96

Date

Residence: Richmond Hill, Ontario, Canada CAJ

Citizenship: Canadian

Post Office Address: 10 Annette Gate,  
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3-00

Full name of fourth inventor: Larry U.L. Tan

Inventor's signature Larry Tan

Jan 15, 1996

Date

Residence: Mississauga, Ontario, Canada CAJ

Citizenship: Canadian

Post Office Address: 2424 Folkway Drive,  
Mississauga, Ontario,  
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4-00

Full name of fifth inventor: Andrew Herbert

Inventor's signature Andrew Herbert

15 Jan 96

Date

Residence: North York, Ontario, Canada CAJ

Citizenship: Canadian

Post Office Address: 199 Upper Canada Drive,  
Apt. 414,  
North York, Ontario,  
Canada, M2P 1T3

Full name of sixth inventor: Leslie Boux

Inventor's signature

Date

Residence: Kirkland, Quebec, Canada

Citizenship: Canadian

Post Office Address: 128 Kirkland Boulevard  
Kirkland, Quebec  
Canada, H9J 1P2.

Full name of seventh inventor: Luis Barreto

Inventor's signature

*Jan 15 1996*

Date

Residence: Concord, Ontario, Canada

*CAX*

Citizenship: Canadian

Post Office Address: 53 Crooked Stick Crescent,  
Concord, Ontario,  
L4K 1P4

Full name of eighth inventor: John Thipphawong

Inventor's signature

*Jan 15 /96*

Date

Residence: Toronto, Ontario, Canada

*CAX*

Citizenship: Canadian

Post Office Address: 45 Carlton Street,  
Apt. 602,  
Toronto, Ontario  
Canada M5B 2H9

Full name of ninth inventor: John R. Vose

Inventor's signature



25. 8. 55

Date

Tassin la demi-lune

Residence: Charbonnières-les-Bains, France

Citizenship: Canadian / British

Post Office Address: 54 bis Route de Paris,  
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France

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69160 Tassin la demi-lune  
France.



9-00

- 5 -

Full name of ninth inventor: Michel H Klein

Inventor's signature



Jan 15 1996

Date

Residence: Willowdale, Ontario, Canada



Citizenship: Canadian

Post Office Address: 16 Munro Boulevard,  
Willowdale, Ontario,  
Canada, M2P 1B9

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Full name of third inventor: Raafat E. F. Fahim

Inventor's signature

Date

Residence: Mississauga, Ontario, Canada

Citizenship: Canadian

Post Office Address: 524 Ceremonial Drive,  
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Full name of fourth inventor: Andrew Herbert

Inventor's signature

Date

Residence: North York, Ontario, Canada

Citizenship: Canadian

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North York, Ontario,  
Canada, M2P 1T3

Full name of fifth inventor: Gail E. D. Jackson

Inventor's signature

Date

Residence: Richmond Hill, Ontario, Canada

Citizenship: Canadian

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Canada L4C 5P3

Full name of sixth inventor: Michel H. Klein

Inventor's signature

Date

Residence: Willowdale, Ontario, Canada

Citizenship: Canadian

Post Office Address: 16 Munro Boulevard,  
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Canada, M2P 1B9

Full name of seventh inventor: Larry U.L. Tan

Inventor's signature

Date

Residence: Mississauga, Ontario, Canada

Citizenship: Canadian

Post Office Address: 2424 Folkway Drive,  
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Full name of eighth inventor: John Thipphawong

Inventor's signature

Date

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Name: M.I. Stewart

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Full name of first inventor: John Vose

Inventor's signature \_\_\_\_\_

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Date

Residence: Charbonnieres-les-Bains, France

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*1-CD*

Full name of second inventor: Raafat E.F. Fahim

Inventor's signature *Raafat E.F. Fahim*

15 Jan 1996

\_\_\_\_\_  
Date

Residence: Mississauga, Ontario, Canada

*CAF*

Citizenship: Canadian

Post Office Address: 524 Ceremonial Drive,  
Mississauga, Ontario,  
Canada, L5R 2T2

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Inventor's signature

Date

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L4K 1P4

Full name of second inventor: Leslie Boux

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Date

Residence: Kirkland, Quebec, Canada

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Post Office Address: 128 Kirkland Boulevard  
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Full name of third inventor: Raafat E. F. Fahim

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Date

Residence: Mississauga, Ontario, Canada

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Full name of fourth inventor: Andrew Herbert

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Date

Residence: North York, Ontario, Canada

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Full name of fifth inventor: Gail E. D. Jackson

Inventor's signature

Date

Residence: Richmond Hill, Ontario, Canada

Citizenship: Canadian

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Canada L4C 5P3

Full name of sixth inventor: Michel H. Klein

Inventor's signature

Date

Residence: Willowdale, Ontario, Canada

Citizenship: Canadian

Post Office Address: 16 Munro Boulevard,  
Willowdale, Ontario,  
Canada, M2P 1B9

Full name of seventh inventor: Larry U.L. Tan

Inventor's signature

Date

Residence: Mississauga, Ontario, Canada

Citizenship: Canadian

Post Office Address: 2424 Folkway Drive,  
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Full name of eighth inventor: John Thipphawong

Inventor's signature

Date

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Post Office Address: 45 Carlton Street,  
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Full name of ninth inventor: John R. Vose

Inventor's signature \_\_\_\_\_

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